

20081012.ba v04\_n215.bam.20081012

>From ???@??? Sun Oct 12 15:50:18 2008 -0600  
Date: Sun, 12 Oct 2008 15:49:35 CST  
From: Old Tube Radios <boatanchors@theporch.com>  
To: Old Tube Radios <boatanchors@theporch.com>  
Subject: BOATANCHORS digest 4215  
Message-Id: <20081012204834.599B610B110@srvr1.theporch.com>

BOATANCHORS Digest 4215

Topics covered in this issue include:

- 1) Ed Edsvik-Canada  
by wsno19@mindspring.com
- 2) RE: Eico 430 scope  
by n6nae@ix.netcom.com
- 3) Need info from Tektronix TM504A manual  
by spr@earthlink.net
- 4) ecch! Digital Broadcast Television  
by Richard Loken <richardlo@admin.athabascau.ca>
- 5) Re: ecch! Digital Broadcast Television  
by Deane McIntyre <dmcintyr@ucalgary.ca>
- 6) Re: ecch! Digital Broadcast Television  
by Scott Robinson <spr@earthlink.net>
- 7) Re: ecch! Digital Broadcast Television  
by Richard Loken <richardlo@admin.athabascau.ca>
- 8) Re: ecch! Digital Broadcast Television  
by Shriver <shriver1@comcast.net>
- 9) Re: ecch! Digital Broadcast Television  
by "Arden Allen" <gumbear@pacbell.net>
- 10) Boonton 250A For Sale  
by Thomas Frobase <tfrobase@kitparts.com>
- 11) Classsic Exchange CX tomorrow  
by "J.D. Mac Aulay, WQ8U" <jmac6235@yahoo.com>
- 12) Re: ecch! Digital Broadcast Television  
by Jerry Proc <jerry7proc@yahoo.com>
- 13) Re: Digital Broadcast Television  
by Ralph Parker <rparker@dccnet.com>
- 14) Re: ecch! Digital Broadcast Television  
by Scott Robinson <spr@earthlink.net>
- 15) Re: ecch! Digital Broadcast Television  
by "Arden Allen" <gumbear@pacbell.net>
- 16) Re: Digital Broadcast Television  
by John <johnmb@nc.rr.com>
- 17) Re: ecch! Digital Broadcast Television  
by David Hollander <n7rk@cox.net>
- 18) FS: National RBL and RBH Receivers Available in Dallas

- by "David Stinson" <arc5@ix.netcom.com>
- 19) Fwd: H-P test gear for sale  
by "Robert Roehrig (K9EUI)" <broehrig@aurora.edu>
  - 20) Re: ecch! Digital Broadcast Television  
by Jerry Proc <jerry7proc@yahoo.com>
  - 21) Re:NO MORE TV FOR OLD FOLKS (was: ecch! Digital Broadcast Television)  
by "K0DAN" <k0dan@comcast.net>
  - 22) 4-Wire Restoration at KPH/KSM  
by Richard Dillman <ddillman@igc.org>

-----  
Message-ID: <6138962.1223392061874.JavaMail.root@elwamui-mouette.atl.sa.earthlink.net>  
Date: Tue, 7 Oct 2008 11:07:41 -0400 (GMT-04:00)  
From: wsno19@mindspring.com  
To: Old Tube Radios <boatanchors@theporch.com>  
Subject: Ed Edsvik-Canada  
Mime-Version: 1.0  
Content-Type: text/plain; charset=UTF-8  
Content-Transfer-Encoding: 7bit

Has anyone got the current EMAIL address for Ed please? TG W4SOE

-----  
Message-ID: <6463497.1223394272396.JavaMail.root@elwamui-darkeyed.atl.sa.earthlink.net>  
Date: Tue, 7 Oct 2008 08:44:32 -0700 (GMT-07:00)  
From: n6nae@ix.netcom.com  
To: Old Tube Radios <boatanchors@theporch.com>  
Subject: RE: Eico 430 scope  
Mime-Version: 1.0  
Content-Type: text/plain; charset=UTF-8  
Content-Transfer-Encoding: 7bit

I've seen the inside of these scopes! Eons ago when I was in high school our electronics classroom was equipped with them. I remember that they have weak power transformers. Each time one was switched on it emitted a loud thump. Teacher had a box of spare trannys and we replaced a few burnouts. You probably have a bad one too. Part way through the school year they went in the dumpster and we got much better Sencore scopes. I'd suggest you quit wasting bench space with this dog and get a real scope like a Tek. IMHO.  
Richard

-----  
Message-ID: <14135751.1223423383899.JavaMail.root@mswamui-swiss.atl.sa.earthlink.net>  
Date: Tue, 7 Oct 2008 19:49:43 -0400 (EDT)  
From: spr@earthlink.net

To: Old Tube Radios <boatanchors@theporch.com>  
Subject: Need info from Tektronix TM504A manual  
Mime-Version: 1.0  
Content-Type: text/plain; charset=UTF-8  
Content-Transfer-Encoding: 7bit

Folks,

Does anyone have this manual? I need some information from it, probalby just a few pages' worth. Please email me directly if you do to avoid list clutter.

This unit will definitely be used to fix boatanchors!

Peace,

Scott

-----  
Date: Fri, 10 Oct 2008 09:38:13 -0600  
From: Richard Loken <richardlo@admin.athabascau.ca>  
Subject: ecch! Digital Broadcast Television  
To: Old Tube Radios <boatanchors@theporch.com>  
MIME-version: 1.0  
Content-type: TEXT/PLAIN; charset=US-ASCII

Gday gents,

I have known for a couple years now that the USA and Australia were converting their TV transmitters to digital but nothing was heard about Canada until today I learned that Canada is dumping analogue broadcast television on August 31, 2011.

So... I finally noticed and I am finally almost interested enough to find out how it works. So what frequencies will they be using to send me high definition reality drek? What are the protocols that they are using etc. Where can technical information be obtained on this boondoggle?

Maybe I should clean out the back shed, there should be a lot of homeless analogue TV transmitters of various sizes and vintages wandering the streets.

--

Richard Loken VE6BSV, Unix System Administrator	:	"Anybody can be a father
Athabasca University	:	but you have to earn
Athabasca, Alberta Canada	:	the title of 'daddy'"
** richardlo@admin.athabascau.ca **	:	- Lynn Johnston

-----  
Mime-Version: 1.0 (Apple Message framework v753.1)  
Content-Type: text/plain; charset=US-ASCII; delsp=yes; format=flowed  
Message-Id: <9B3F806F-A343-4281-B1A5-F3BE36A1FCD2@ucalgary.ca>  
Content-Transfer-Encoding: 7bit  
From: Deane McIntyre <dmcintyr@ucalgary.ca>  
Subject: Re: ecch! Digital Broadcast Television  
Date: Fri, 10 Oct 2008 10:05:46 -0600  
To: Old Tube Radios <boatanchors@theporch.com>

On 10-Oct-08, at 9:38 AM, Richard Loken wrote:

> Gday gents,  
>  
> I have known for a couple years now that the USA and Australia were  
> converting their TV transmitters to digital but nothing was heard  
> about  
> Canada until today I learned that Canada is dumping analogue broadcast  
> television on August 31, 2011.  
>  
> So... I finally noticed and I am finally almost interested enough  
> to find  
> out how it works. So what frequencies will they be using to send  
> me high  
> definition reality drek? What are the protocols that they are  
> using etc.  
> Where can technical information be obtained on this boondoggle?  
>

As this is OT I will keep my comments brief....

DTV/HDTV will use that same channels that the NTSC system uses, but  
most will  
be on UHF (channels 14-69).

Only station in Alberta to apply for a DTV/HDTV station so far is  
CFCN here  
in Calgary, which will use Ch. 36

Only Canadian cities with DTV/HDTV transmitters in operation at  
present are  
Vancouver, Windsor, Hamilton, Toronto, Ottawa and Montreal (and  
possibly Quebec City)

Low power relay stations in remote areas can keep their NTSC rigs on  
past 2011.

See the Industry Canada site for further dope:

<[http://www.ic.gc.ca/epic/site/smt-gst.nsf/en/h\\_sf01731e.html](http://www.ic.gc.ca/epic/site/smt-gst.nsf/en/h_sf01731e.html)>

73,

Deane McIntyre VE6BP0

-----  
Mime-Version: 1.0

Message-Id: <p06240801c5153036e036@[192.168.1.2]>

Date: Fri, 10 Oct 2008 09:16:59 -0700

To: Old Tube Radios <boatanchors@theporch.com>

From: Scott Robinson <spr@earthlink.net>

Subject: Re: ecch! Digital Broadcast Television

Content-Type: text/plain; charset="us-ascii" ; format="flowed"

At 9:38 AM -0600 10/10/08, Richard Loken wrote:

>Gd

>Maybe I should clean out the back shed, there should be a lot of homeless

>analogue TV transmitters of various sizes and vintages wandering the

>streets.

and Scott comments:

You'd better start installing the 440V 3 phase many amperes power connections now. These transmitters are, well, big...

/scott

-----  
Date: Fri, 10 Oct 2008 10:31:10 -0600

From: Richard Loken <richardlo@admin.athabasca.ca>

Subject: Re: ecch! Digital Broadcast Television

To: Old Tube Radios <boatanchors@theporch.com>

Cc: Old Tube Radios <boatanchors@theporch.com>

MIME-version: 1.0

Content-type: TEXT/PLAIN; charset=US-ASCII

On Fri, 10 Oct 2008, Scott Robinson wrote:

> >Maybe I should clean out the back shed, there should be a lot of homeless

> >analogue TV transmitters of various sizes and vintages wandering the

> >streets.

>

> and Scott comments:

>

> You'd better start installing the 440V 3 phase many amperes power

> connections now. These transmitters are, well, big...

Used to maintain broadcast television transmitters for a living. I know how big they are... not as big as they used to be, that how big they are.

Back when television broadcasting first got seriously rolling in Canada, the standard was that the aural transmitter ran 50% as much power as the visual transmitter, by the time I worked in the trade in the 70s it was found that 10% aural power to visual power was appropriate. CKY Television in Winnipeg (where I once worked) had a massive great RCA channel 7 transmitter and when they changed to 10% aural power they removed the aural amplifier and used the cabinet out back as an incinerator - I did not approve of the sacrilege but it was long before my time.

Off topic? There is no bigger boatanchor than a vacuum tube/mercury vapour rectifier era broadcast transmitter. Just get me started on the RCA 50D: circa 1937 50KW of water cooled MW AM transmission - that machine was oh so beautiful.

--

Richard Loken VE6BSV, Unix System Administrator	:	"Anybody can be a father
Athabasca University	:	but you have to earn
Athabasca, Alberta Canada	:	the title of 'daddy'"
** richardlo@admin.athabascau.ca **	:	- Lynn Johnston

-----  
Message-ID: <48F01B2B.5080108@comcast.net>

Date: Fri, 10 Oct 2008 23:19:07 -0400

From: Shriver <shriver1@comcast.net>

MIME-Version: 1.0

To: Old Tube Radios <boatanchors@theporch.com>

CC: Old Tube Radios <boatanchors@theporch.com>

Subject: Re: ecch! Digital Broadcast Television

Content-Type: text/plain; charset=ISO-8859-1; format=flowed

Content-Transfer-Encoding: 7bit

Best references would be:

<http://www.atsc.org/>

and

[http://en.wikipedia.org/wiki/ATSC\\_Standards](http://en.wikipedia.org/wiki/ATSC_Standards)

The VHF low band (channels 2-4) will be used in very few places, but the VHF high band (5-13) will remain widely used. Channel 2 may bite the dust entirely, and the bandwidth sold by the FCC. Another 10 or 20 channels will be sold off from the top of the UHF band. (Channel 83

hasn't been TV for years.)

The system is digital, using MPEG 2 compression. One channel can hold four standard def channels at one, or one high def channel and some standard def channels. Sound is multi-channel, up to 5 channels plus subwoofer (5.1).

The channel numbers are now "soft", they are data sent in the data stream. So Channel 2 in Boston will remain channel 2, but won't be in channel 2's old frequency allocation. Well, the main channel will be 2.1, and then there will also be 2.2 and so forth.

The cable systems use a different digital modulation system than over the air. Optimized for the cable environment (no multi-path), and I think it has a higher data rate in the same 6 MHz channel.

The cable systems encrypt any channels that rules don't require them to send in the free, so even if your HDTV understands the cable protocols, you may still need to rent a cable box or CableCard.

Over the air is much more likely to need a rooftop antenna than standard definition did. With ATSC, you either get a solid signal, or nothing. There's never a snowy picture. Still, you don't need nearly as large an antenna as was needed with the terrible tuners in early 1950's televisions. Right now, ATSC over-the-air reception is worse than it will be when the NTSC broadcasts are shut down, since the ATSC is usually transmitted over a secondary transmitter with lower power and less optimal antennas. That will change when the more powerful transmitter gets the final ATSC signal.

>

-----  
Message-ID: <003701c92b69\$7c533c80\$fa9e480c@KB6NAX>  
From: "Arden Allen" <gumbear@pacbell.net>  
To: Old Tube Radios <boatanchors@theporch.com>  
Cc: "Old Tube Radios" <boatanchors@theporch.com>  
Subject: Re: ecch! Digital Broadcast Television  
Date: Fri, 10 Oct 2008 23:20:35 -0700  
MIME-Version: 1.0  
Content-Type: text/plain;  
        charset="iso-8859-1"  
Content-Transfer-Encoding: 7bit

> [http://en.wikipedia.org/wiki/ATSC\\_Standards](http://en.wikipedia.org/wiki/ATSC_Standards)  
>

After reading Wiki I see the similarity between the messed up banking system

and the Great Digital Revolution. We are guinea pigs for the playboys....

Arden Allen  
KB6NAX

-----  
Message-ID: <48F091AF.1060702@kitparts.com>  
Date: Sat, 11 Oct 2008 06:44:47 -0500  
From: Thomas Frobase <tfrobase@kitparts.com>  
MIME-Version: 1.0  
To: Old Tube Radios <boatanchors@theporch.com>  
Subject: Boonton 250A For Sale  
Content-Type: text/plain; charset=ISO-8859-1; format=flowed  
Content-Transfer-Encoding: 7bit

I have a Boonton 250A RX meter for sale. These are fairly rare, it's frequency range is from .5 to 250 Mhz. The unit is in working condition, it has been in my collection about 15 years. I replaced it recently with an HP 250B which I am sure was made for HP by Boonton. It is a real boat anchor at @ 50lbs packed. I have attached a link to the manual on the BAMA mirror.

I am asking \$100 or best offer plus UPS ... thanks tom, N3LLL

<http://bama.edebris.com/download/boonton/250a/250a.pdf>

-----  
Date: Sat, 11 Oct 2008 09:16:06 -0700 (PDT)  
From: "J.D. Mac Aulay, WQ8U" <jmac6235@yahoo.com>  
Subject: Classsic Exchange CX tomorrow  
To: Old Tube Radios <boatanchors@theporch.com>  
MIME-Version: 1.0  
Content-Type: text/plain; charset=us-ascii  
Message-ID: <694232.7424.qm@web54605.mail.re2.yahoo.com>

It's time to get out those favorite old boat anchors and fire up the tubes for another fun filled day of CW in the Classic Exchange. Starts at 9AM Eastern time and goes until Midnight West Coast time. See the web site for details  
[www.qsl.asti.com/CX](http://www.qsl.asti.com/CX)

CU in CX  
73  
Mac  
WQ8U



-----  
Date: Sat, 11 Oct 2008 20:17:50 -0700 (PDT)  
From: Jerry Proc <jerry7proc@yahoo.com>  
Subject: Re: ecch! Digital Broadcast Television  
To: Old Tube Radios <boatanchors@theporch.com>  
MIME-Version: 1.0  
Content-Type: text/plain; charset=us-ascii  
Message-ID: <603522.28261.qm@web90606.mail.mud.yahoo.com>

After reading the Wiki article, all I see is brutal complexity in HDTV. Earlier this year I bought an HDTV, acquired an external audio amp and upgraded my cable box. Just trying to get these three devices to (reliably) power down/up \*simultaneously\* with a single push on the remote control is darn near impossible. Even though I'm hooked on the hi def aspect, there are many days when I curse all this new technology. There are days when it overwhelms me and I feel like I want to quit watching TV.

--  
Regards,  
Jerry Proc  
E-mail: jerry7proc@yahoo.com

--- On Fri, 10/10/08, Arden Allen <gumbear@pacbell.net> wrote:

> From: Arden Allen <gumbear@pacbell.net>  
> Subject: Re: ecch! Digital Broadcast Television  
> To: "Old Tube Radios" <boatanchors@theporch.com>  
> Cc: "Old Tube Radios" <boatanchors@theporch.com>  
> Received: Friday, October 10, 2008, 11:20 PM  
> > [http://en.wikipedia.org/wiki/ATSC\\_Standards](http://en.wikipedia.org/wiki/ATSC_Standards)  
> >  
>  
> After reading Wiki I see the similarity between the messed  
> up banking system  
> and the Great Digital Revolution. We are guinea pigs for  
> the playboys....  
>  
> Arden Allen  
> KB6NAX

-----  
Yahoo! Canada Toolbar: Search from anywhere on the web, and bookmark your

favourite sites. Download it now at  
<http://ca.toolbar.yahoo.com>.

-----  
Message-Id: <3.0.6.32.20081011214045.00b57520@pop3.dccnet.com>  
Date: Sat, 11 Oct 2008 21:40:45 -0700  
To: Old Tube Radios <boatanchors@theporch.com>  
From: Ralph Parker <rparker@dccnet.com>  
Subject: Re: Digital Broadcast Television  
Mime-Version: 1.0  
Content-Type: text/plain; charset="us-ascii"

>There are days when it overwhelms me and I feel like I want to  
>quit watching TV.

I haven't watched TV in over 8 years, so it doesn't matter a whit to me,  
despite having made my living working in TV for over 15 years.

Throw your TV over the balcony rail (like SCTV) Jerry - you'll feel much  
better!

VE7XF

-----  
Mime-Version: 1.0  
Message-Id: <p06240803c5173a4221c1@[192.168.1.2]>  
Date: Sat, 11 Oct 2008 22:25:16 -0700  
To: Old Tube Radios <boatanchors@theporch.com>  
From: Scott Robinson <spr@earthlink.net>  
Subject: Re: ecch! Digital Broadcast Television  
Content-Type: text/plain; charset="us-ascii" ; format="flowed"

Hi Jerry,

Put 'em all on a single X-10 controller and power them up and down  
together...and now see if they will boot so as to speak to each other.

Analog technology has its advantages!

Peace,

Scott

PS-alternatively, do what I do and watch \*no\* tv!

At 8:17 PM -0700 10/11/08, Jerry Proc wrote:

>After reading the Wiki article, all I see is brutal complexity in HDTV.  
>Earlier this year I bought an HDTV, acquired an external audio amp

>and upgraded my cable box. Just trying to get these three devices to  
>(reliably) power down/up \*simutaneously\* with a single push on the  
>remote control is darn near impossible. Enen though I'm hooked on  
>the hi def aspect,there are many days when I curse all this new  
>technology. There are days when it overwhelms me and I feel like I  
>want to quit watching TV.

>

>--

>Regards,

>Jerry Proc

>E-mail: jerry7proc@yahoo.com

-----  
Message-ID: <001101c92c3c\$5b5ef720\$f09d480c@KB6NAX>

From: "Arden Allen" <gumbear@pacbell.net>

To: Old Tube Radios <boatanchors@theporch.com>

Subject: Re: ecch! Digital Broadcast Television

Date: Sun, 12 Oct 2008 00:30:01 -0700

MIME-Version: 1.0

Content-Type: text/plain;  
charset="iso-8859-1"

Content-Transfer-Encoding: 7bit

> Analog technology has its advantages!

Instructions on how to manage analog technology:

1. Grab knob.
2. Turn clockwise until a "click" is heard.
3. Adjust volume to comfortable listening level.
4. Sit back and enjoy....

: -)

Arden Allen

KB6NAX

-----  
Message-Id: <6.2.1.2.2.20081012080612.02e15910@pop-server.nc.rr.com>

Date: Sun, 12 Oct 2008 08:06:44 -0400

To: Old Tube Radios <boatanchors@theporch.com>

From: John <johnmb@nc.rr.com>

Subject: Re: Digital Broadcast Television

Mime-Version: 1.0

Content-Type: text/plain; charset="us-ascii"; format=flowed

That's the best advice of all.

More time to spend with boatanchors and less brain rot and propaganda.

John K5M0

At 12:40 AM 10/12/2008, Ralph Parker wrote:

> >There are days when it overwhelms me and I feel like I want to  
> >quit watching TV.  
>  
>I haven't watched TV in over 8 years, so it doesn't matter a whit to me,  
>despite having made my living working in TV for over 15 years.  
>  
>Throw your TV over the balcony rail (like SCTV) Jerry - you'll feel much  
>better!  
>  
>VE7XF

-----  
Message-ID: <48F1F92B.2050809@cox.net>

Date: Sun, 12 Oct 2008 06:18:35 -0700

From: David Hollander <n7rk@cox.net>

MIME-Version: 1.0

To: Old Tube Radios <boatanchors@theporch.com>

CC: Old Tube Radios <boatanchors@theporch.com>

Subject: Re: ecch! Digital Broadcast Television

Content-Type: text/plain; charset=ISO-8859-1; format=flowed

Content-Transfer-Encoding: 7bit

The back and forth e-mails made me think of this which I saw yesterday

<http://www.hulu.com/watch/36608/talkshow-with-spike-feresten-cable-psa>

--

\*\*\*\*\*

Dave N7RK                      Boatanchors Home Page: <http://members.cox.net/n7rk>  
Phoenix, Arizona                \*DXCC Honor Roll\*        \*WAZ#22 - 75 Meter SSB\*

ex-XE2/N7RK, N7RK/ZB2, VK2ERK, ZM0AJN, WB6NRK, WN6IWX

Boatanchor and Antique Radio Collector

-----  
Message-ID: <6A10050532CC4AB69B9AB600193D7812@boudreaux>

From: "David Stinson" <arc5@ix.netcom.com>

To: Old Tube Radios <boatanchors@theporch.com>

Subject: FS: National RBL and RBH Receivers Available in Dallas

Date: Sun, 12 Oct 2008 08:23:40 -0500

MIME-Version: 1.0

Content-Type: text/plain;  
format=flowed;  
charset="iso-8859-1";  
reply-type=original

Content-Transfer-Encoding: 7bit

FS: WWII Navy RBL and RBH receivers with manuals.  
Cosmetics are average plus. Good inside. Photos available  
on request. Pick-up only in the Dallas, Texas area  
or I will meet you half-way within a 70 mile radius  
of Zip Code 75173. \$260 for both receivers.  
Thanks.

-----  
Date: Sun, 12 Oct 2008 10:43:39 -0500 (CDT)

From: "Robert Roehrig (K9EUI)" <broehrig@aurora.edu>

To: Old Tube Radios <boatanchors@theporch.com>

Message-ID: <1392900741.102251223826219100.JavaMail.root@mars.aurora.edu>

Subject: Fwd: H-P test gear for sale

MIME-Version: 1.0

Content-Type: text/plain; charset=utf-8

Content-Transfer-Encoding: 7bit

> Retirement housecleaning time folks. Have to get rid of some things.  
> All H-P gear listed here is working and in good condition (a few minor issues  
noted).  
>  
> 1) 853A / 8557A Spectrum Analyzer (.01 - 350 MHz).  
> (right front rubber foot missing)  
> \$1000  
>  
> 2) 8568A Spectrum Analyzer. Deluxe 2 piece lab unit (100 kHz - 1.5 GHz)  
> (display power does not turn off when analyzer turns off)  
> \$2500  
>  
> 3) 8901A Modulation Analyzer (with rack mount kit) \$1000  
>  
> 4) 8903A Audio Analyzer - great companion to above \$1000  
>  
> 5) Set of three older H-P units in rack mount housing (can be separated).  
> 204D Oscillator  
> 467A Pwr amp  
> 3400A True RMS voltmeter  
> \$500 for all three.

>  
> All above located in Batavia, IL 40 miles West of Chicago. ALL ITEMS PICKUP ONLY!  
>  
> Thanks for looking  
>  
> --  
> Bob Roehrig  
> 630-844-3700  
> A.U. Telecom dept.  
> K9EUI WD2XSH/19 W9ZGP

--  
Bob Roehrig  
630-844-4898  
A.U. Telecom dept.  
K9EUI WD2XSH/19 W9ZGP

-----  
Date: Sun, 12 Oct 2008 08:58:34 -0700 (PDT)  
From: Jerry Proc <jerry7proc@yahoo.com>  
Subject: Re: ecch! Digital Broadcast Television  
To: Old Tube Radios <boatanchors@theporch.com>  
MIME-Version: 1.0  
Content-Type: text/plain; charset=us-ascii  
Message-ID: <949365.38474.qm@web90608.mail.mud.yahoo.com>

And the likes of which will shall never be seen again.

--  
Regards,  
Jerry Proc  
E-mail: jerry7proc@yahoo.com

--- On Sun, 10/12/08, Arden Allen <gumbear@pacbell.net> wrote:

> From: Arden Allen <gumbear@pacbell.net>  
> Subject: Re: ecch! Digital Broadcast Television  
> To: "Old Tube Radios" <boatanchors@theporch.com>  
> Received: Sunday, October 12, 2008, 12:30 AM  
> > Analog technology has its advantages!  
>  
> Instructions on how to manage analog technology:  
>  
> 1. Grab knob.  
>  
> 2. Turn clockwise until a "click" is heard.

>  
> 3. Adjust volume to comfortable listening level.  
>  
> 4. Sit back and enjoy....  
>  
> :-)  
>  
> Arden Allen  
> KB6NAX

-----  
Instant Messaging, free SMS, sharing photos and more... Try the new Yahoo! Canada  
Messenger at <http://ca.beta.messenger.yahoo.com/>

-----  
Message-ID: <042d01c92c83\$758cf600\$6601a8c0@K0DAN>  
From: "K0DAN" <k0dan@comcast.net>  
To: Old Tube Radios <boatanchors@theporch.com>  
Cc: <boatanchors@theporch.com>  
Subject: Re:NO MORE TV FOR OLD FOLKS (was: ecch! Digital Broadcast Television)  
Date: Sun, 12 Oct 2008 10:51:34 -0500  
MIME-Version: 1.0  
Content-Type: text/plain;  
    format=flowed;  
    charset="iso-8859-1";  
    reply-type=response  
Content-Transfer-Encoding: 7bit

Dave:

BEAUTIFUL!!! One of the best training videos I've seen! Being licensed since 1962, and not yet quite "old enough" to be drooling (but getting there quickly), I am still able to operate my FIVE remotes (no lie!) at 75% proficiency (that's a passing grade BTW), but if I am forced to add one more remote, I'm afraid I'll have to remove the batteries and pull the plugs (there's a lot of them) on my audio/video equipment. Won't be a big loss, cuz even with 500+ channels, I still can't find anything to watch.

Back to ham radio! Analog, anyone?

73

dan  
K0DAN

----- Original Message -----  
From: "David Hollander" <n7rk@cox.net>

To: "Old Tube Radios" <boatanchors@theporch.com>  
Cc: "Old Tube Radios" <boatanchors@theporch.com>  
Sent: Sunday, October 12, 2008 8:18 AM  
Subject: Re: ecch! Digital Broadcast Television

> The back and forth e-mails made me think of this which I saw yesterday  
>  
> <http://www.hulu.com/watch/36608/talkshow-with-spike-feresten-cable-psa>  
> --  
> \*\*\*\*\*  
> Dave N7RK Boatanchors Home Page: <http://members.cox.net/n7rk>  
> Phoenix, Arizona \*DXCC Honor Roll\* \*WAZ#22 - 75 Meter SSB\*  
>  
> ex-XE2/N7RK, N7RK/ZB2, VK2ERK, ZM0AJN, WB6NRK, WN6IWX  
>  
> Boatanchor and Antique Radio Collector  
>  
>

-----  
Message-ID: <10917016.1223844699185.JavaMail.root@elwamui-darkeyed.atl.sa.earthlink.net>  
Date: Sun, 12 Oct 2008 13:51:39 -0700 (GMT-07:00)  
From: Richard Dillman <ddillman@igc.org>  
To: Old Tube Radios <boatanchors@theporch.com>  
Subject: 4-Wire Restoration at KPH/KSM  
Mime-Version: 1.0  
Content-Type: text/plain; charset=UTF-8  
Content-Transfer-Encoding: 7bit

The KPH receive site now used by KSM was actually built as the receiving station for the RCA point to point service, which began in 1913 with a transmitting site at Bolinas, CA and a receiving site at Marshall, CA. When the short waves were found to be useful for commercial purposes the Bolinas station was retained but the Marshall site did not have room for multiple short wave antennas.

RCA sent Dr. Harold Beverage to select a new site for the short wave receiving station. He picked the current location on Pt. Reyes where the station was built in 1929. The KPH marine service moved to the Pt. Reyes site in 1946 after being closed for the duration of WWII.

The short wave point to point service at Pt. Reyes used triple space diversity for reception. Three large antennas - stacked rhombics and phased arrays were the most common - were pointed at each city. The signals from these magnificent antennas were brought to the point to point receivers on the second floor by 4-wire feed lines.



The 4-wire feed line system used four wires suspended in a box shape with the two pairs of wires connected diagonally and the signal recovered from a single pair by a balanced 2-wire feed line. The 4-wire feed lines were carried on H frame trunks to each of the A, B and C antenna fields.

Tension on each feed line was maintained by a pulley and weight system at a termination frame outside the receiving station. The wires of the feed line slid through special insulators on the H frames all the way out to the antenna where a mechanical and electrical termination was made.

All of the 4-wire feed lines were out of service when the MRHS started its restoration project, and had been for many years. One of our goals has always been to restore at least one run of 4-wire feed line. Last weekend that goal was achieved.

MRHS Transmitter Engineer Bill Ruck, assisted by Mike Johnson, our youngest MRHS volunteer and a volunteer crew organized for the day by Greg McCartney, succeeded in restoring a run of 4-wire from the termination frame to a previously unused V-beam.

Here are the photos:

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Bill Ruck walks the trunk line of H frames toward the pole supporting the V-Beam.

<http://www.radiomarine.org/4-Wire/4-Wire-01.jpg>

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The volunteer crew begins work splicing wires and threading through the 4-wire insulators.

<http://www.radiomarine.org/4-Wire/4-Wire-02.jpg>

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Tension is taken on the first wires.

<http://www.radiomarine.org/4-Wire/4-Wire-03.jpg>

-----

The termination at the termination frame (above Bill's head) is connected to the cable leading to the pulley.

<http://www.radiomarine.org/4-Wire/4-Wire-04.jpg>

-----

Mike Johnson works to free up a frozen pulley as Bill brings the termination closer.

<http://www.radiomarine.org/4-Wire/4-Wire-05.jpg>

-----

Cable clamps maintain tension on two of the four wires as they are brought to the termination.

<http://www.radiomarine.org/4-Wire/4-Wire-06.jpg>

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The counterweights had started to sink into the ground. Here one is rigged for lifting.

<http://www.radiomarine.org/4-Wire/4-Wire-07.jpg>

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Mike Johnson prepares to lift a counterweight from where it has lain for many decades.

<http://www.radiomarine.org/4-Wire/4-Wire-08.jpg>

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The counterweight once again provides tension for the 4-wire feed line.

<http://www.radiomarine.org/4-Wire/4-Wire-09.jpg>

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The termination at the far end showing how the wires are cross connected and how the balanced feed line to the V-beam is connected

<http://www.radiomarine.org/4-Wire/4-Wire-10.jpg>

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The newly connected south V-beam is to the right. The north V-beam, which is in service, is to the left. Note the classy open wire feed.

<http://www.radiomarine.org/4-Wire/4-Wire-10.jpg>

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Many thanks to all who help organize this project and who kindly provided their volunteer labor. On a following weekend we will terminate the feed line inside the building and connect the antenna to a receiver at KPH/KSM Position 1. Then, for the first time in many decades, we will be able to hear signals received via a 4-wire feed line.

Regards,

RD

=====  
Richard Dillman, W6AWO  
Chief Operator, Coast Station KSM  
Maritime Radio Historical Society  
<http://www.radiomarine.org>  
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End of BOATANCHORS Digest 4215  
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